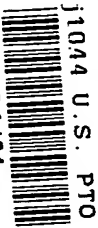


12-19-01

12/06/01



UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. H0659/7009 WRM

First Named Inventor or Application Identifier

HARLES, Guy and BETHSCHEIDER, Gerhard

Express Mail Label No.

EL844520576US

Date of Deposit

December 6, 2001

10972 U.S. PTO
10/02/01

12/06/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.

☐ Statement filed in prior application,
Status still proper and desired.
3. ☒ Specification [Total pages 33]
28 - pages description
1 - pages abstract
4 - pages claims 6 - Total claims
4. ☒ Drawing(s) (35 USC 113) [Total sheets 5]
☐ Informal ☒ Formal [Total drawings 5]
5. ☐ Oath or Declaration [Total pages]
a. ☐ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
[Note Box 6 below]
i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Incorporation by Reference
(usable if Box 5b is checked)
The entire disclosure of the prior application,
from which a copy of the oath or declaration is
supplied under Box 4b, is considered as being
part of the disclosure of the accompanying
application and is hereby incorporated by
reference therein. See 19.
7. ☒ Application Data Sheet, See 37 CFR 1.76

ADDRESS
TO:

Box Patent Application
Commissioner for Patents
Washington, DC 20231

8. ☐ CD-ROM or CD-R, in duplicate, large
table or Computer Program (Appendix)
9. ☐ Nucleotide and/or Amino Acid Sequence
Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. ☐ Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

10. ☐ Assignment Papers/cover sheet &
documents(s)
11. ☐ 37 CFR 3.73(b) Statement
(when there is an assignee)
☐ Power of Attorney
12. ☐ English Translation of Document (if applicable)
13. ☒ Information Disclosure Statement PTO-1449
☒ Copies of IDS Citations
14. ☐ Preliminary Amendment
15. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
16. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
17. ☐ Request and Certification Under 35 U.S.C.
§122(b)(2)(B)(ii)
18. ☐ Other:

19. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below or in the body of the application, or a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. : PCT/EP99/04241, filed on June 18, 1999, entitled **Method and Apparatus for Determining Characteristics of Components of a Communication Channel** and now pending.

☐ Cancel in this application claims before calculating the filing fee.

☒ Amend the specification by inserting before the first line of the specification on page 1, after the title, the following:

-- This application is a ☒ Continuation ☐ Continuation -in-part (CIP) of prior application No: PCT/EP99/04241 filed on June 18, 1999 , entitled **Method and Apparatus for Determining Characteristics of Components of a Communication Channel**, and now pending. --

Prior application information: Examiner

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS ONLY: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

20. CORRESPONDENCE ADDRESS

Correspondence address below

CUSTOMER NUMBER:



23628

OR

ATTORNEY'S NAME	William R. McClellan, Reg. No. 29,409				
FIRM NAME	Wolf, Greenfield & Sacks, P.C.				
ADDRESS	600 Atlantic Avenue				
CITY	Boston	STATE	MA	ZIP	02210
COUNTRY	USA	TELEPHONE	(617) 720-3500	FAX	(617) 720-2441
21. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED					
NAME	William R. McClellan, Reg. No. 29,409				
SIGNATURE	<i>William R. McClellan</i>				
DATE	December 6, 2001				

Inventor or Identifier: HARLES, Guy and BETHSCHEIDER, Gerhard

Serial No: Not yet assigned

Filed: Herewith

CHECK BOX, if applicable:

For: Method and Apparatus for Determining Characteristics of Components of a Communication Channel

☐ **DUPLICATE**

Fee Calculation Sheet

CLAIMS	FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
	TOTAL CLAIMS (37 CFR 1.16(c))	6-20=	0 x	\$18	= \$ 0.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	2-3=	0 x	\$80	= \$ 0.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d)) +			\$260	= \$
				BASIC FEE (37 CFR 1.16(a))	\$ 740.00
				Total of above Calculations =	\$ 740.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28).				\$
	Assignment Recordation Fee (if any)				\$
	Other Fees (if any).				\$
	TOTAL =				\$ 740.00

1. A check in the amount of \$ 740.00 is enclosed.

General Authorization to Charge Deposit Account and General Request for Extension of Time

2. a. ☒ If the filing of any paper in this application necessitates the payment of a fee under 37 CFR §§ 1.16, 1.17, and the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 23/2825.
- b. ☐ The applicant hereby revokes any prior authorization to charge a fee due under 37 CFR §§ 1.16, 1.17 or 1.18.
3. If the filing of any paper in this application necessitates an extension of time under 37 CFR §1.136(a), the applicant hereby requests such extension of time. If the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 23/2825.

William R. McClellan
 William R. McClellan, Reg. No. 29,409
 Wolf, Greenfield & Sacks, P.C.
 600 Atlantic Avenue
 Boston, MA 02210-2211
 (617) 720-3500
 Attorneys of Record